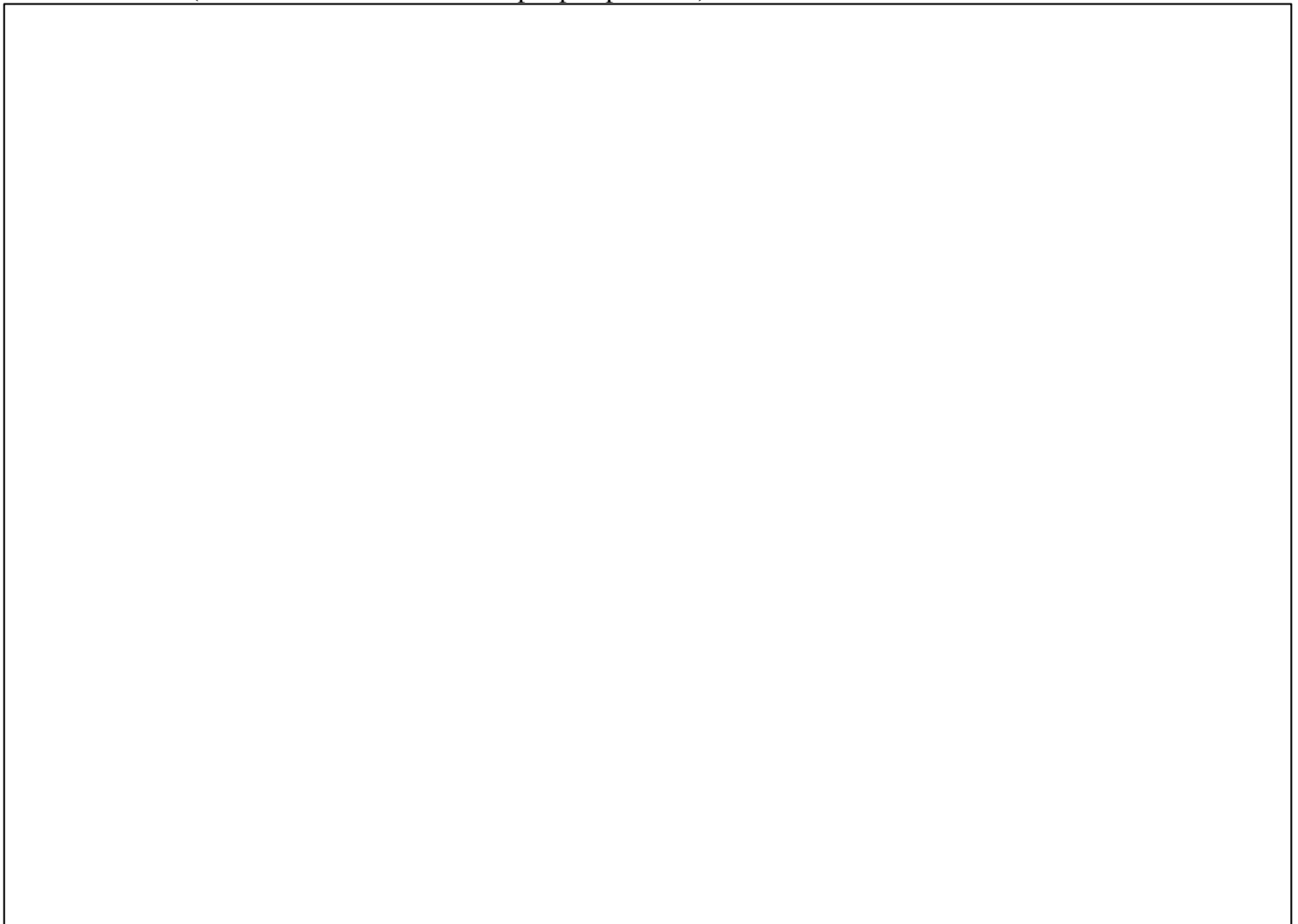


You are a team of engineers who have been given the challenge to design your own trebuchet out of everyday items. The trebuchet should be designed to launch a marshmallow so it can land on a pie tin from as far a distance as possible. The trebuchet that can accurately hit the pie tin from the greatest distance is the winner. You may use the materials which have been provided to you, but the rubber bands may not be used to power the arm or slingshot the marshmallow.

- **Planning Stage** Meet as a team and discuss the problem you need to solve. Then develop and agree on a design for your trebuchet. You'll need to determine what materials you want to use.
- Draw your design in the box below, and be sure to indicate the *description and number of parts* you plan to use. Present your design to the class.

You may choose to revise your teams' plan after you receive feedback from class.

DESIGN PLAN (draw to scale / include multiple perspectives)



Materials needed (item / amounts)

NOTES FROM PEER FEEDBACK

[illegible]